

Figure 1

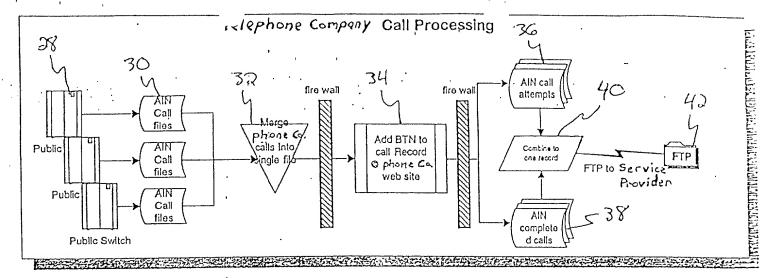


Fig. 2

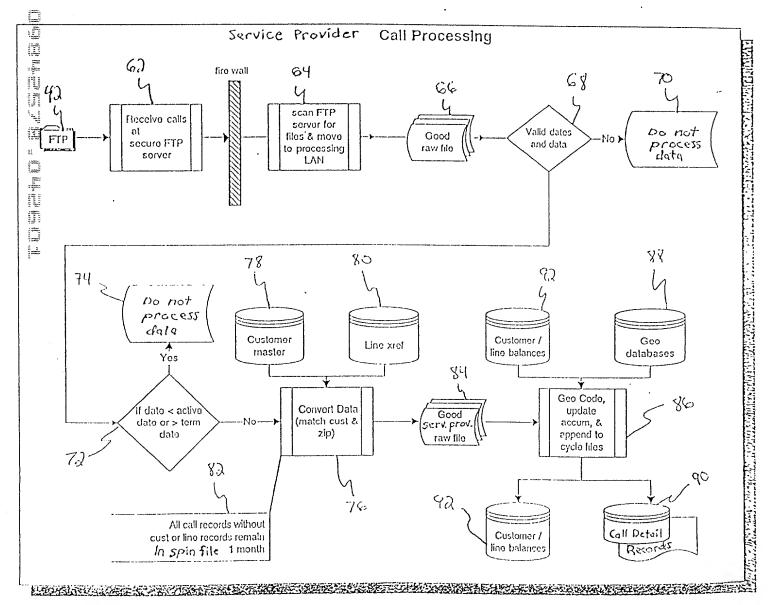


Fig. 4

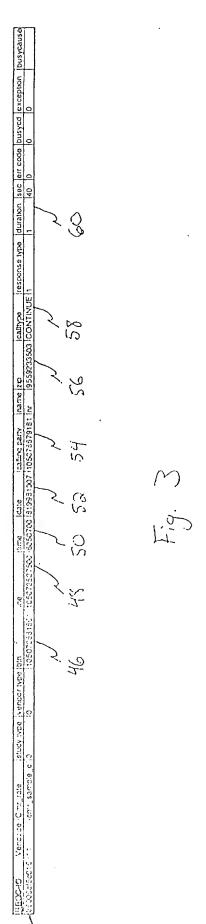


Fig. 5.

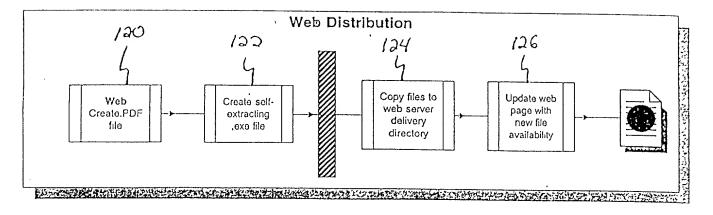


Fig. 6

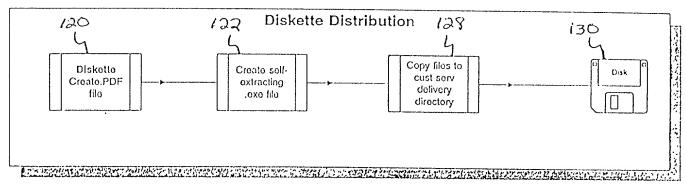


Fig. 7

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R	POSTALCOD																		410019720	410058211	410059751	410059751	410059751	410069608	410111135	410111135	410111135	410111160	410111160
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机		COALE CLIME	8/22/98 04:18:15 FM   5135551212	8/22/96 04: 10:39 FM   3133331212   0122322433	0/22/08/06:30:50 FM   3103331212   1403-303-20	8/23/98 C8-55-32 AN1	2/23/08/09:07 AM   5135551212	8/23/98/09:52:46 AM 15135551212 1111111111	0.02/00 12:20:40 M   5135551212   11111111	22/3/39 12:22:41 FM 5135551212 5133901888 II	MO 901141109 PM	00.24.00.00.00.00.00.00.00.00.00.00.00.00.00	8/23/98 01.33.10 FIN	MO 82.22.50 02.02.00	0/2/00 03:42:32   M   5136551212   5136598931	8/23/38 05:30:47:34 1 M 5135551212 515555555	0/23/38103.30.30   MI 3135551212   2334   333	0/23/30 07:10:23 FIVE	0.23/30 11.03.44   M	0/21/50 05:00.47:04 AM	8/20/88 09:17.34 AM 5135551212 606362333	8/19/98 09:05:02 AM	749/90 05:00	6/18/80 US:ZZ:D9 FIVI	3/21/90 00.33	8/11/98 11:39:37 AM	8/20/98 02:43:02 PM   51355512   5002135110	8/21/98 04:59:46 FM	8/19/98 09:26:36 AM 5135551212 6069214564
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# Geocoding logic hierarchy

		180			
	Criterion				Value
	CASEL			ı	
IF	9 digit zip exists i	•	& exists in ->	9 digit zip DB	А
	otherwise	9 digit zip (1st 5 digits)	exists in ->	5 digit zip DB	В
	otherwise	9 digit zip (1st 3 digits)	exists in ->	3 digit zip DB	С
	otherwise	npanxx of calling # field	exists in ->	npanxx DB	D.
	otherwise	npa of calling # field	exists in ->	nap DB	E
	otherwise	use special value indicatin	g unknown origi	in	F
	CASE 7 ~				
otherwise, IF	6, 7, or 8 digit zip	exists in zip field (bad data)			
	AND	npanxx of calling # field	exists in ->	npanxx DB	G
	otherwise	npa of calling # field	exists in ->		Н
	otherwise	use special value indicating			1
	CASE3~	184	_		
otherwise, IF	5 digit zip exists i	n zip`field	& exists in ->	5 digit zip DB	J
a shirtering and a shir	otherwise	5 digit zip (1st 3 digits)	exists in ->	-	ĸ
7. amail 2. p <sup>ross</sup> e	otherwise	npanxx of calling # field	exists in ->		L
The revise, IF	otherwise	npa of calling # field	exists in ->	nap DB	M
	otherwise	use special value indicating	g unknown origi	'n	N
S Obtainer:	CASE4~	186	•		
ollierwise, IF		in zip field (bad data)			
	AND	npanxx of calling # field	exists in ->	npanxx DB	Р
	otherwise	npa of calling # field	exists in ->	•	Q
	otherwise	use special value indicating	j unknown origi	n	R
	CASES	88	J		
oµerwise, IF	0 or null exists in	zip field (no zip)			
	AND	npanxx of calling # field	exists in ->	npanxx DB	S
S To	otherwise	npa of calling # field	exists in ->	nap DB	Т
	otherwise	use special value indicating		•	U
1-2-			J		

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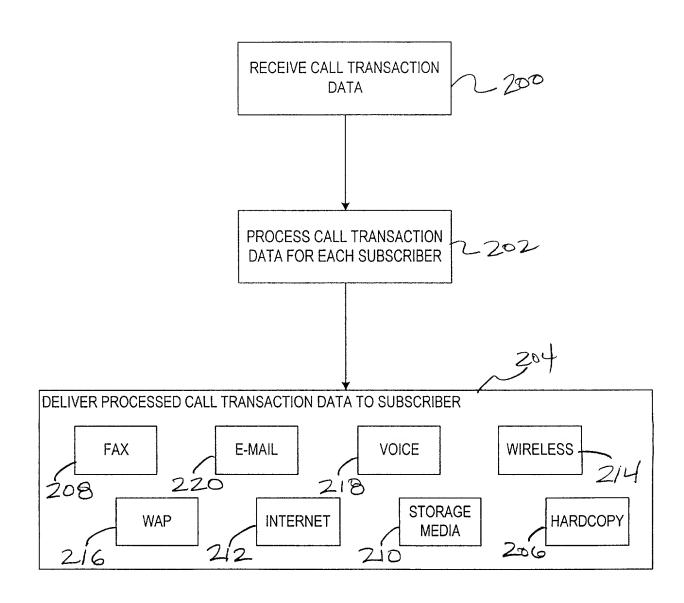
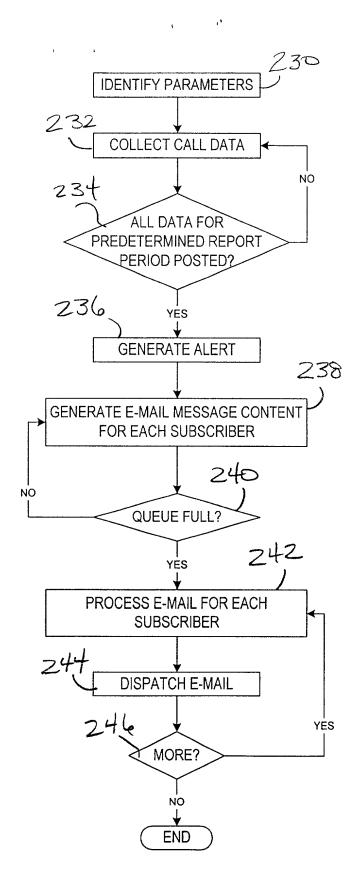


FIG. 10



From:	Z5 Z TeleFlash @xyztelco.com	250
Sent: To: Subject:	254 Monday, April 10, 2000 8:00 customer@ispserver.com	FIG. 12

## Telephone Co. TeleFlash

Here is your call summary information for the week of April 3, 2000 – April 9, 2000 Phone Number: 301-555-1234 Total incoming calls for the week: 2909 Total answered calls for the week: 2744 (94%) Total unanswered calls for the week: 30 (1%)Total busy calls for the week: 134 (5%)Total other calls for the week: 1 (0%)Your 7 day average calls per 416 Your Mon-Fri average calls per day: 562 Your busiest calling day: Thursday

3-4 PM

262

#### Try Call Option-1 for as low as \$25.00 a month

#### You will be able to analyze:

http://www.xyztelco.com

266

Maps of calls and callers

Your busiest calling hour:

Lists of top callers and callers who received busies

Who you spend the most amount of time with?

Trends of what happens by week, month, etc...

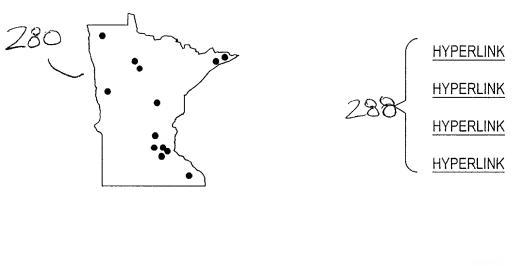
How effective your marketing and advertising programs are?

Advertisement Text... Advertisement Text... Advertisement Text... Advertisement Text...

250

If you would like to have this E-mail sent to other individuals within your company, go to http://www.xyztelco/teleflash.com/personalpage

If you would like to stop receiving this E-mail notification, go to http://www.xyztelco/teleflash.com/personalpage



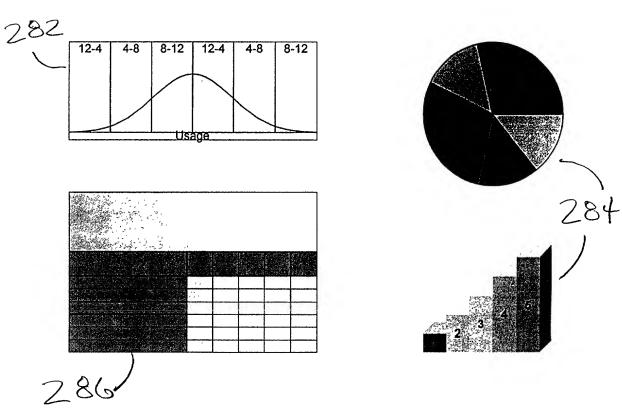
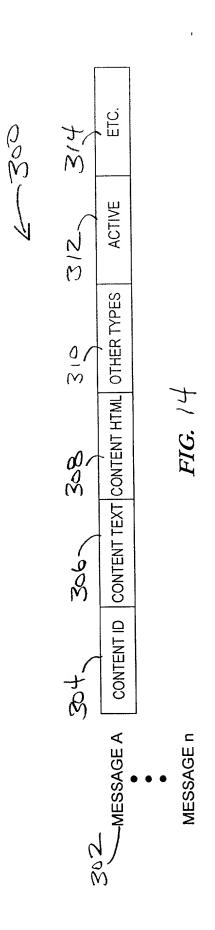
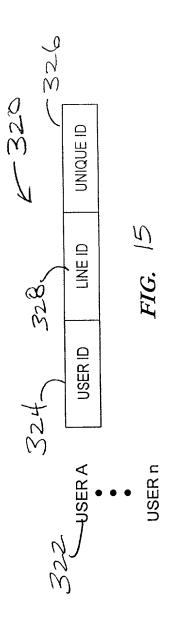


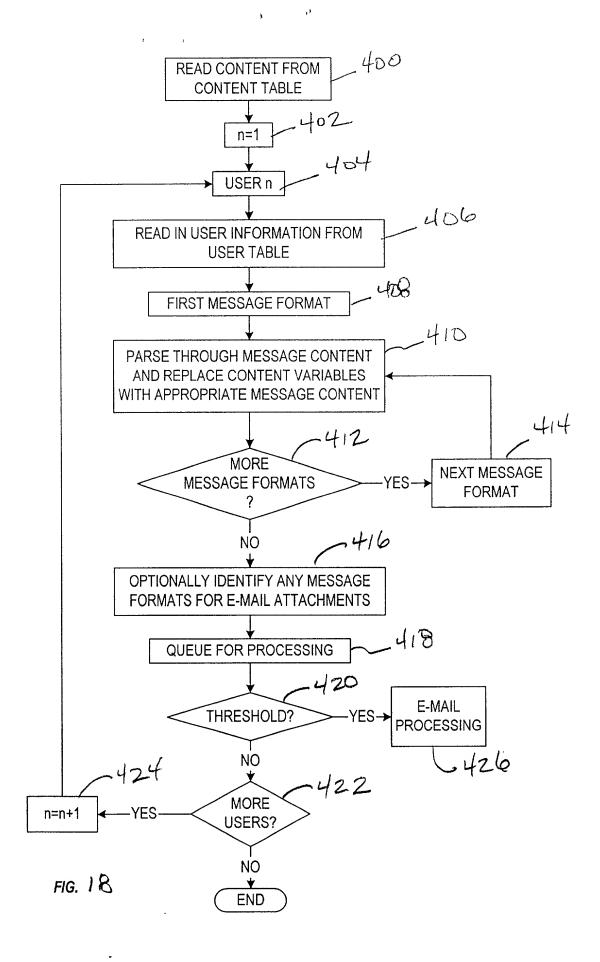
FIG. 13





15 CTC	£ 3.4	34	350		352 3	354
>	ARIARI FIN VARIA	ARIABLE VARIABLE	3LE	VARIABLE	VARIABLE	
•	NAME NAME	ME OBJECT	CT	ROW	COLUMN	
		FIG	9			

	ı																
	NUMBER OF CALLS THAT CAME IN	NUMBER OF CALLS THAT WERE ANSWERED	NUMBER OF CALLS THAT WERE UNANSWERED	NUMBER OF CALLS THAT WERE BUSY	NUMBER OF CALLS THAT WERE OF AN UNKNOWN STATE	PERCENTAGE OF CALLS THAT CAME IN (i.e., 100%)	PERCENTAGE OF CALLS THAT WERE ANSWERED	PERCENTAGE OF CALLS THAT WERE UNANSWERED	PERCENTAGE OF CALLS THAT WERE BUSY	PERCENTAGE OF CALLS THAT WERE OF AN UNKNOWN STATE	AVERAGE NUMBER OF CALLS FOR THE SEVEN DAYS	AVERAGE NUMBER OF CALLS FOR FIVE DAYS (M-F)	NUMBER OF CALLS FOR FIVE DAYS (M-F)	THE DAY WITH THE MOST TOTAL CALLS	NUMBER OF CALLS THAT OCCURRED FOR THE BUSIEST DAY	THE ZIP CODE WHERE THE MOST CALLS CAME FROM	THE STATE WHERE THE MOST CALLS CAME FROM
	INCOMING	ANSWERED	UNANSWERED	BUSY	OTHER	INCOMING %	ANSWERED %	UNANSWERED %	BUSY %	OTHER %	SEVEN DAY AVERAGE	FIVE DAY AVERAGE	FIVE DAY TOTAL	BUSY DAY	BUSY DAY TOTAL	TOP ZIP	TOP STATE
360	3627	א א	366	0		5.0	1000	5 1	(A)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	700	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7000			570-	29.2



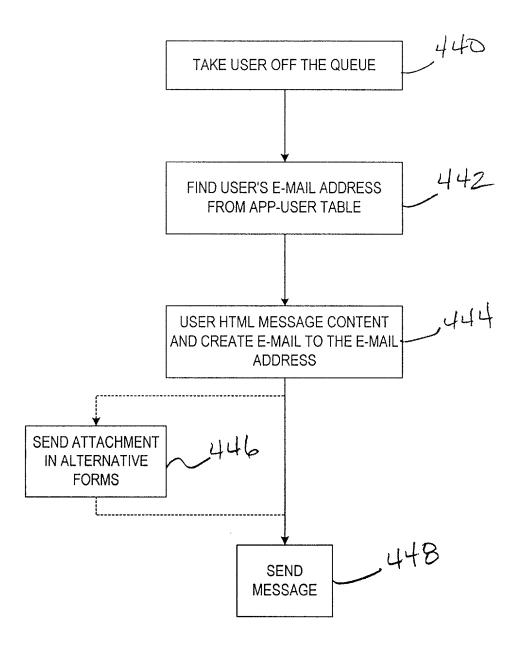
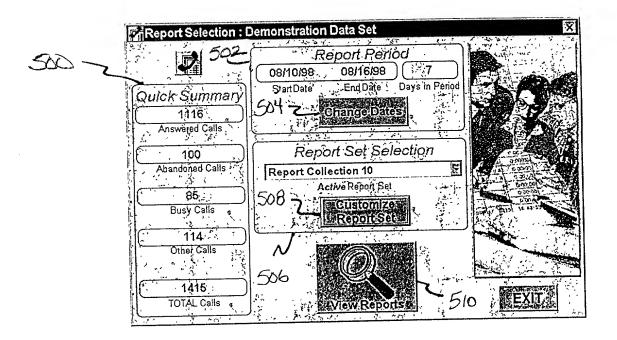


FIG. /9



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DAR CELLINA			นี่gus[ส]99			
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24	25	26	27	28	29	30
31	1	2	3	4	5	6

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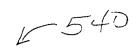
	Customize Report Sets
	Report Collection 10  Select 532  Call Types
	Reports in Set. 1  Clears  Select Reports  Select Telephones
	New Copy Rename HDelete
6205	Weeky View Monthly View Recallers Areas Multi-Location Fig. Trends Figure Summary Call Types
520	Summary Call Type By Day (weekly Total) Call Type By Hour (daily Detail)."
	Usage Call Type By Hour (weekly Total) Call Type By Hour (weekly Total)
	Total Call Duration
	Other Totals T
	TIPS

F16.22

### October 26, 1998 - November 1, 1998

#### **New ZIP Codes**

New ZIP codes discovered in the current date range ranked by answered call count.



Zip Code	State	Call Count	First Call Date & Time	Last Call Date & Time	Total Duration
55402	MN	11	10/26/98 11:07:00 AM	10/30/98 02:46:00 PM	0:27:40.0
55416	MN	11	10/26/98 12:11:00 PM	10/29/98 02:37:00 PM	0:11:25.0
84111	UT	6	10/26/98 09:56:00 AM	10/28/98 02:15:00 PM	0:31:12.0
55343	MN	6	10/26/98 01:38:00 PM	10/30/98 11:57:00 AM	0:14:28.0
56304	MN	5	10/26/98 06:43:00 PM	10/28/98 05:47:00 PM	0:44:51.0
85012	AZ	4	10/27/98 05:15:00 PM	10/29/98 05:48:00 PM	0:06:14.0
55347	MN	4	10/26/98 06:51:00 AM	10/28/98 02:43:00 PM	0:02:31.0
98191	WA	3	10/26/98 10:34:00 AM	10/29/98 06:09:00 PM	0:16:07.0
55104	MN	3	10/26/98 11:48:00 AM	10/27/98 11:30:00 AM	0:03:12.0
55415	MN	3	10/27/98 05:34:00 PM	10/30/98 01:03:00 PM	0:02:17.0
80132	CO	3	10/26/98 12:57:00 PM	10/26/98 02:57:00 PM	0:01:24.0
55025	MN	2	10/26/98 04:25:00 PM	10/28/98 03:56:00 PM	0:06:05.0
98488	WA	2	10/28/98 01:26:00 PM	10/28/98 01:29:00 PM	0:05:34.0
83204	ID	2	10/30/98 11:09:00 AM	10/30/98 11:09:00 AM	0:04:48.0
55431	· MN	2	10/26/98 03:59:00 PM	10/30/98 09:44:00 AM	0:03:39.0
55124	MN	2	10/27/98 02:08:00 PM	10/27/98 02:10:00 PM	0:03:07.0
55364	MN	2	10/27/98 03:50:00 PM	10/27/98 03:50:00 PM	0:00:46.0
55137	MN	2	10/28/98 05:11:00 PM	10/29/98 03:25:00 PM	0:00:29.0
55305	MN	1	10/27/98 03:20:00 PM	10/27/98 03:20:00 PM	0:09:54.0
85283	ΛZ	1	10/28/98 05:44:00 PM	10/28/98 05:44:00 PM	0:07:33.0
85024	ΛZ	1	10/27/98 05:41:00 PM	10/27/98 05:41:00 PM	0:04:06.0
89202	CO	1	10/30/98 01:36:00 PM	10/30/98 01:36:00 PM	0:03:35.0
5 <b>5</b> 118	MN	1	10/30/98 08:37:00 AM	10/30/98 08:37:00 AM	0:03:17.0
97401	OR	1 1 -	10/29/98 02:13:00 PM	10/29/98 02:13:00 PM	0:02:32 0
80206	co	1	10/28/98 10.09:00 AM	10/28/98 10:09:00 AM	0:02:02.0
68144	NE	1 1	10/28/98 03:14:00 PM	10/28/98 03:14:00 PM	0:01:51.0
55391	MN	1	10/28/98 05:36:00 PM	10/28/98 05:36:00 PM	0:01:48.0
55011	MN	1	10/26/98 02:30:00 PM	10/26/98 02:30:00 PM	0:01:47.0
85255	ΛZ	1	10/27/98 05:55:00 PM	10/27/98 05:55:00 PM	0:01:22.0
99216	WA	1	10/30/98 11:29:00 AM	10/30/98 11:29:00 AM	0:01:11.0
97204	OR	1	10/26/98 02:08:00 PM	10/26/98 02:08:00 PM	0:00:57.0
55113	MN	1	10/26/98 03:59:00 PM	10/26/98 03:59:00 PM	0:00:43.0
68102	NE	1	10/26/98 12:05:00 PM	10/26/98 12:05:00 PM	0:00:41.0
98004	WA	1	10/30/98 03:32:00 PM	10/30/98 03:32:00 PM	0:00:41.0
55422	MN	1 1	10/26/98 11:12:00 AM	10/26/98 11:12:00 AM	0:00:20.0
55102	MN	1 - 1	10/27/98 11:47:00 AM	10/27/98 11:47:00 ΛM	0:00:07.0
55427	MN	1	10/26/98 04:09:00 PM	10/26/98 04:09:00 PM	0:00:06.0
55404	MN	-	10/26/98 04:26:00 PM	10/26/98 04:26:00 PM	0:00:05.0
55420	MN	-	10/26/98 10:05:00 AM	10/26/98 10.05:00 AM	0.00:03.0

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F16.24

